



Notice to Navigation Interests

US Army corps
Of Engineers
Buffalo District
1776 Niagara Street
Buffalo, New York 14207-3199

L05 - 22	
Notice No.	Date
Waterway	

Lake Erie, Ohio

LRB-ON-TD-S

Condition of Federal Navigation Channel Toledo Harbor and Maumee River, Toledo, Ohio

1. Condition surveys performed within the Federal Navigation Channel at Toledo Harbor and Maumee River, Ohio during the months of March 2004 through May 2004 indicate shoaling has reduced depths to those shown on the attached standard tabular form and channel condition drawings.
2. Soundings are in feet and referred to Low Water Datum (LWD) 569.2 feet above Mean Water Level (MWL) at Rimouski, Quebec (International Great Lakes Datum 1985).
3. Vessel operators are advised to use caution when navigating in this area.
4. Copies of the sounding print for Toledo Ohio consisting of (8) sheets, 04S-TOL-1/1, through 04S-TOL-1/8 at a cost of \$2.50 per sheet, and can be furnished upon receipt of a check in the full amount made payable to: United States Army Engineer District, Buffalo. Requests should be addressed to: District Commander, U.S. Army Engineer District, Buffalo, ATTN: NY/PA O&M Office, 1776 Niagara Street, Buffalo, New York 14207, requesting exact number or copies of sheets by file number. A point of contact and phone number must be indicated to facilitate response to the request. To obtain the Metadata and CADD files and view a color version of this map, point your web browser to <http://www.lrb.usace.army.mil/waterways/survey/survey.html>. Click on the link "SURVEY SECTION" to send a message containing your request
5. Buffalo district's point of contact in reference to the exact number of sheets, file number, and the availability of any later information pertaining to the area is Mr. Kelly L. Maccarone, Chief of the Survey Section, Buffalo District, and may be contacted by phone at 716-879-4285.

WILLIAM H. TOWNSEND, P.E.
Chief, NY/PA Navigation and
Maintenance Section

DATE _____

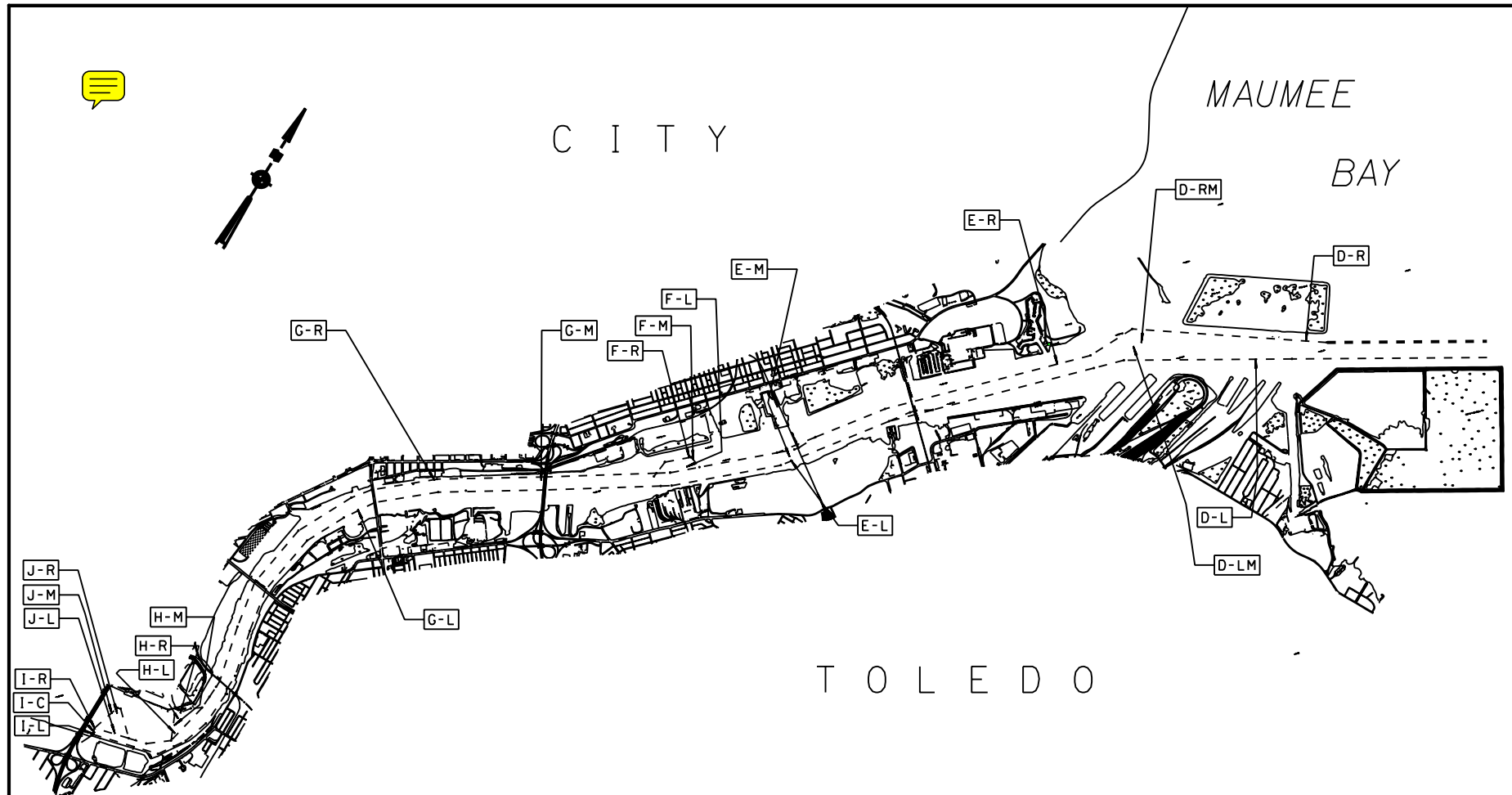
FROM: U.S. ARMY CORPS OF ENGINEERS, BUFFALO DISTRICT
1776 NIAGARA STREET, BUFFALO, NY 14207-3199
(716) 879-4292 FAX (716) 879-4356

MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD

[illegible]

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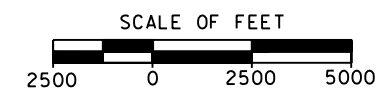
REPORT OF CHANNEL CONDITIONS (FOR CHANNELS LESS THAN 400 FEET WIDE) (ER-1330-2-316)					PAGE 3 OF 7 PAGES <hr/> DATE		
TO: ACCOMPANY LOCAL NOTICE TO NAVIGATION INTERESTS, DATED					FROM: U.S. ARMY CORPS OF ENGINEERS, BUFFALO DISTRICT 1776 NIAGARA STREET, BUFFALO, NY 14207-3199 (716) 879-4292 FAX (716) 879-4356		
RIVER/HARBOR NAME AND STATE TOLEDO HARBOR AND MAUMEE RIVER, TOLEDO, OHIO					MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD		
NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	MIDDLE HALF (feet)	RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (feet)	DEPTH (feet)			
(E) MAUMEE RIVER CHANNEL, FROM THE END OF THE ENTRANCE CHANNEL TO THE UPSTREAM END OF THE LOWER TURNING BASIN.	MARCH 2004	400-100	14,000 (c)	27	25.0	22.0	21.2
(F) LOWER TURNING BASIN.	MARCH 2004	350	1300 (b)	10	21.0	14.0	12.0
(G) MAUMEE RIVER CHANNEL, FROM THE UPSTREAM END OF THE MIDDLE TURNING BASIN TO THE UPSTREAM LIMITS OF NAVIGATION.	MARCH 2004	200 300-400	18,900 (c)	27	14.4	23.4	18.1
(H) MIDDLE TURNING BASIN	MARCH 2004	0-700	1300 (b)	27	25.6	20.6	26.5
(I) MAUMEE RIVER CHANNEL, FROM THE UPSTREAM END OF THE MIDDLE TURNING BASIN TO THE UPSTREAM LIMITS OF NAVIGATION.	MARCH 2004	200	2600	25*	5.8	7.8	9.3
(J) UPPER TURNING BASIN.	MARCH 2004	800	1100 (b)	18	11.3	12.4	10.4
NOTE: SECTION "G" HAS A LEAST WIDTH OF 200 FEET THRU THE CENTER, AND 25 FOOT DEPTHS IN THE REAMAING 400 FOOT WIDTH TO JUST ABOVE THE CHERRY STREET BRIDGE, THEN WIDENING TO 300 FEET ON THE SOUTHEAST TO THE PENN-CENTRAL RAILROAD BRIDGE, THEN WIDENING TO THE FULL 400 FOOT CHANNEL WIDTH.							
REMARKS: (*) NOT MAINTAINED. (b) IRREGULARLY SHAPED, SEE PROJECT CONDITION DRAWINGS.							



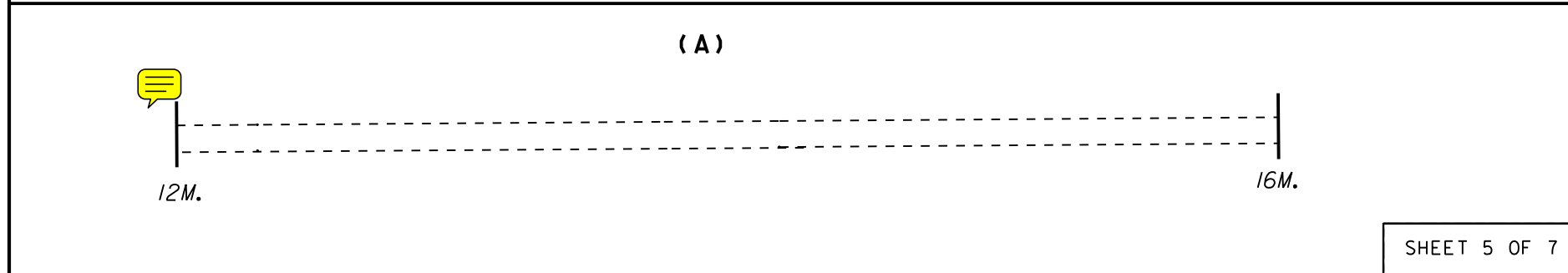
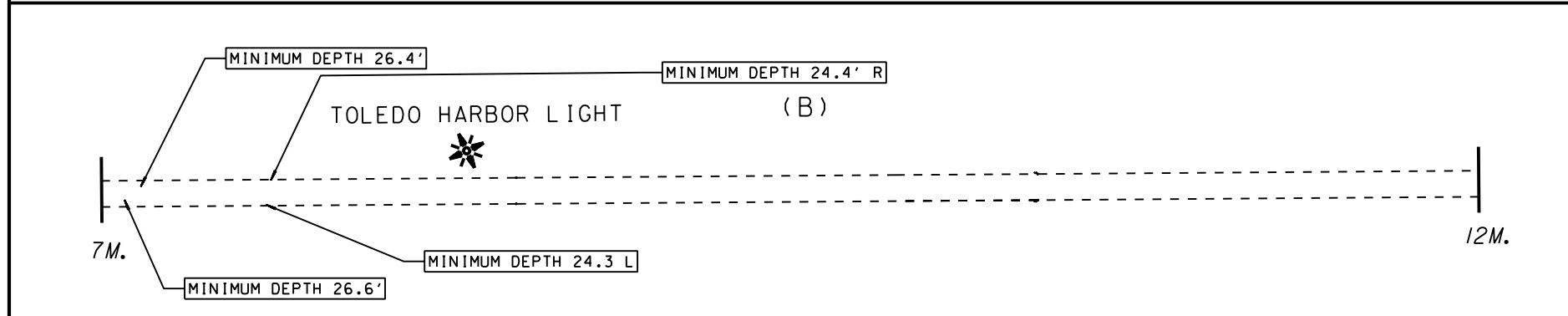
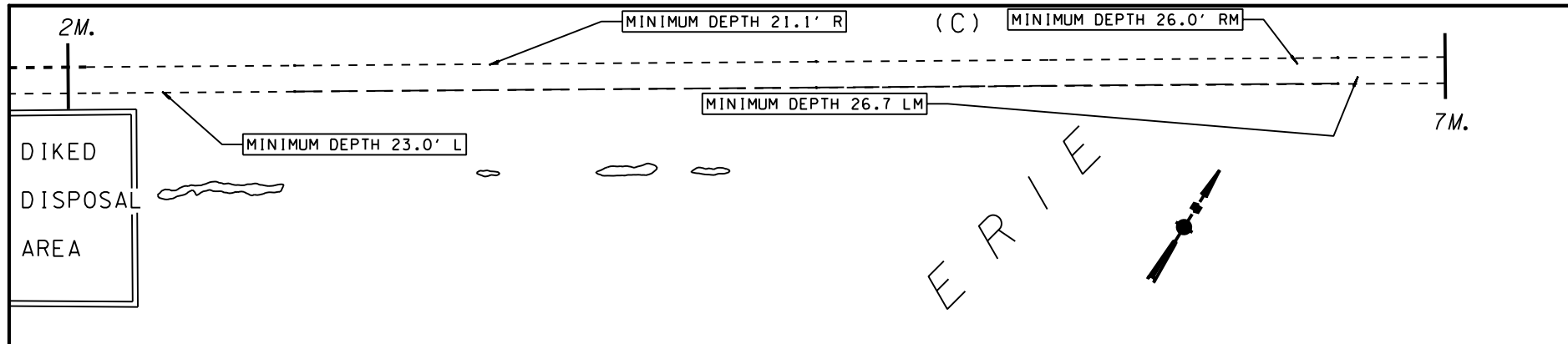
AREA	LEFT	MIDDLE	RIGHT
	(L)	(LM) (M) (RM)	(R)
D	23.9'	23.5', 23.7'	16.7'
E	24.8'	23.9'	18.8'
F	20.5'	12.9'	11.8'
G	20.2'	23.6'	19.2'
H	24.1'	20.1'	24.7'
I	5.9'	7.6'	9.3'
J	10.5'	11.8'	10.8'

SHEET 4 OF 7

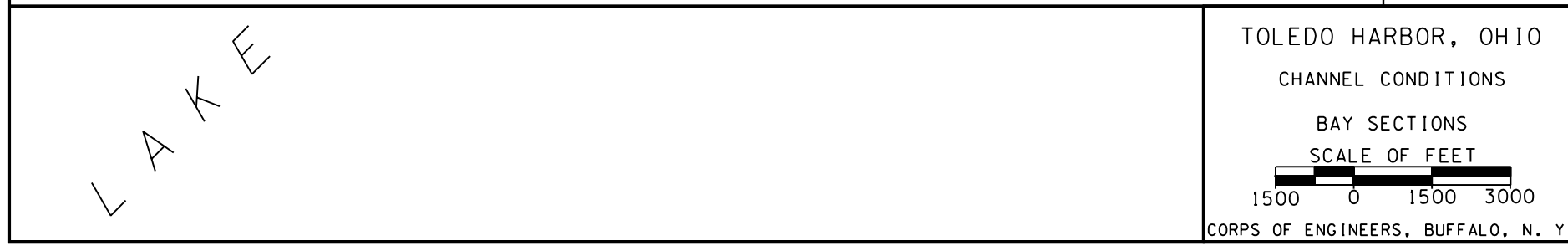
TOLEDO HARBOR, OHIO
CHANNEL CONDITIONS
RIVER CHANNEL SECTIONS

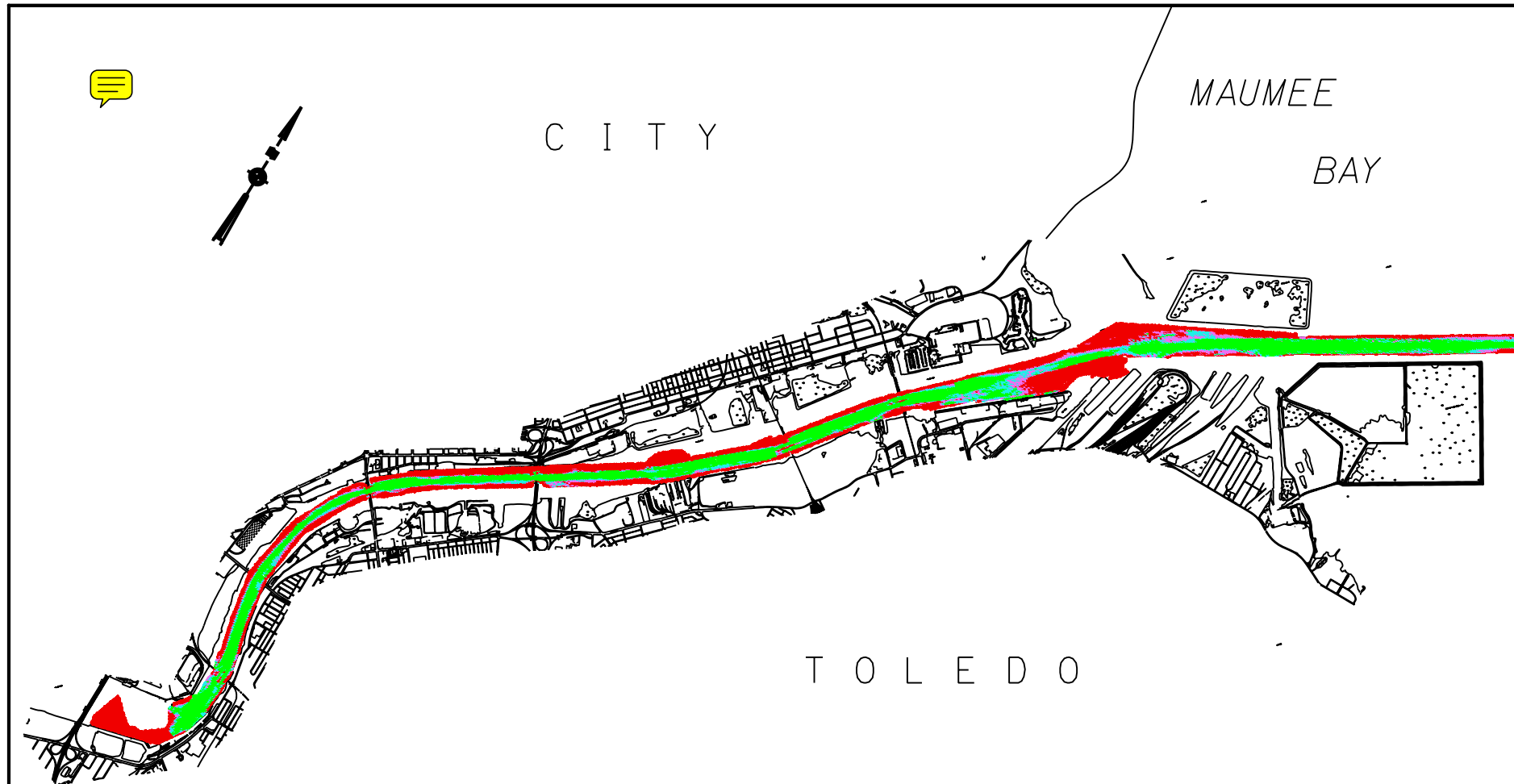


CORPS OF ENGINEERS, BUFFALO, N. Y.



SHEET 5 OF 7





AREA	LEFT	MIDDLE	RIGHT
	(L)	(LM) (M) (RM)	(R)
D	23.9'	23.5', 23.7'	16.7'
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LEGEND

- DEPTHS 2.0' OR MORE ABOVE PROJECT DEPTH
- DEPTHS 1.1' TO 2.0' ABOVE PROJECT DEPTH
- DEPTHS 0.1' TO 1.0' ABOVE PROJECT DEPTH
- DEPTHS AT OR BELOW PROJECT DEPTH

TOLEDO HARBOR, OHIO

CHANNEL CONDITIONS
 RIVER CHANNEL SECTIONS

SCALE OF FEET

2500 0 2500 5000

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SHEET 6 OF 7

